



This project is co-funded by
the European Union and Republic of Turkey

This is an activity organised by Nordic Folkecenter for Renewable Energy and EUROSOLAR Turkey as part of a European-Turkish project within the Civil Society Dialogue Programme.

Read more about this project on: www.poweringcommunities.org

POWERING COMMUNITIES IN TURKEY

Study Visit to Denmark

28 Sep – 5 Oct 2016

DINNER: If you would like to have dinner at Folkecenter (price 110 DKK or 15 EUR), you have to order it one day in advance in the morning. For booking contact Leire Gorroño, study visit leader. The payment has to be done at the time of booking. Dinner is served every day at 19:00 in the conference building.



Nordic Folkecenter
for Renewable Energy



Türkiye Yenilenebilir
Enerji Birliği



NORDIC FOLKECENTER FOR RENEWABLE ENERGY

Nordic Folkecenter for Renewable Energy is a non-profit, independent, organisation that provides research, development of technology, training and information for the manufacture, industrial innovation and implementation of renewable energy technologies and energy savings in Denmark and throughout the world. Folkecenter intends to achieve measurable increases in the utilisation of renewable energy technologies and thereby significant reductions in environmental pollution associated with energy use in Denmark and elsewhere. It obtains support from local authorities, national and international agencies, and the industry. The ultimate long term purpose is a complete replacement of fossil fuels and atomic power with renewable energies.

Folkecenter works on four major fronts:

1. Development and implementation of renewable energy systems: small scale wind power innovation and design; advanced generator construction; farm biogas design, and demonstration; CO₂ neutral transportation with hydrogen and plant oil; solar architecture and integration of solar cells in buildings; wave energy testing.
2. As consultant to manufacturers, local consumer groups, and relevant initiators within renewable energy.
3. Disseminating information on renewable energy in Denmark and elsewhere, to trainees; concerned citizen groups; and political decision makers focusing on decentralized solutions.
4. The Village for Green Research, where Folkecenter is situated, demonstrates practical examples of integration of several energy solutions, solar housing, water recycling systems etc. as an experimental and functional example of a future ecological society.

For more information see: www.folkecenter.net

Follow us on Facebook:  Nordisk Folkecenter

PROGRAMME

WELCOME

WED 28 SEP 2016, D1

- | | |
|-------|---|
| 14:00 | Arrival at airport and pick-up |
| 17:00 | Hotel check-in |
| 18:00 | Welcome Dinner at FC

Receptions by Ole Vagn Christensen, Chairman of Folkecenter Board;
Mehmet Dönmez; Jane Kruse, Folkecenter Director |
| 20:00 | Return to hotel |

EXCURSION 1

THU 29 SEP 2016, D2

- | | |
|---------------|---|
| 9:00 | Departure from hotel |
| 10:00 - 11:00 | Reception by Lene Kjelgaard Jensen, Mayor of Thisted Municipality |
| 11:30 – 12:30 | Thisted Community District Heating & Cooling plant –waste, straw, geothermal and big heat pumps |
| 13:00 – 13:45 | Lunch break in Vesløs |
| 14:00 – 15:30 | National Wind Test Centre in Østerild |
| 16:00 – 17:30 | Hanstholm wind turbines and the Second World War Museum |
| 18:00 – 20:00 | Dinner in a fish restaurant |
| 21:00 | Arrival at hotel |

EXCURSION 2

FRI 30 SEP 2016, D3

9:00	Departure from hotel
10:00 – 11:00	Lemvig community, farmer-owned biogas plant, biogas upgrading. By Director Lars Kristensen
11:50 – 12:30	Tvindkraft wind turbine, the oldest 2 MW wind turbine in the world (1978), a symbol of community driven green transition. Those that would like to do it will have the chance to climb the wind turbine (there is an elevator).
12:30 – 13:30	Lunch in Tvind
14:00 – 14:30	Ringkøbing solar thermal plant. By Henning Bo Madsen, energy expert
15:00 – 16:00	Hjort Mose wind and solar farm. By Henning Bo Madsen, energy expert
18:30	Arriving FC

SEMINAR IN FOLKECENTER

SAT 01 OCT 2016, D4

8:30	Departure from hotel
9:00	Start of Seminar
9:15 – 9:45	Jane Kruse, Folkecenter Director, “Summary of visits and case of Kallerup Wind Cooperative”
9:45 – 10:15	Preben Maegaard, Project Manager in Denmark, “History of Community Power, the Danish Way”
10:15 – 10:45	Prof. Dr. Tanay S. Uyar, Project Manager in Turkey “Reflections about Community Power in Denmark”
10:45 – 11:00	Coffee Break
11:00 – 11:30	Henning Bo Madsen, Danish Coordinator of the EU Project “Community Power”
11:30 – 12:00	Leire Gorroño, “The benefits of community power”
12:00 – 13:00	Panel discussion
13:00 – 14:00	Lunch

- 14:00 – 16:00 DISCUSSION AMONG TURKISH PARTICIPANTS
- “The lessons learnt from the visits”
- “How to adapt the Danish model of community power to the local contexts in Turkey”
- 16:00 – 18:00 Guided tour in Folkecenter (the ecovillage, the zero energy buildings, the energy lab, the testing facilities, sustainable transportation and much more)
- 18:00 Return to hotel

SUN 02 OCT 2016, D5

- 9:30 Departure from hotel
- 10:00 Start of day
- 10:15 – 10:45 Preben Maegaard, Project Manager in Denmark
- 10:45 – 11:15 Prof. Dr. Tanay S. Uyar, Project Manager in Turkey
- 11:15 – 11:30 Coffee Break
- 11:30 – 12:00 Per Thostrup, board member of Folkecenter, “Design and operation of community biogas. Hydrogen in the future energy system.”
- 12:00 – 12:30 Kardelen Afrodit Adsal, “Biogas Investment Models in Denmark”
- 12:30 – 13:30 Lunch
- 13:30 – 14:45 GROUP WORK. “Initial drafting of renewable energy and community power roadmaps for Diyarbakır, Van, Çanakkale and Burdur”
- 14:45 – 15:00 Coffee break
- 15:00 – 16:00 GROUP WORK. “Initial drafting of renewable energy and community power roadmaps for Diyarbakır, Van, Çanakkale and Burdur”
- 16:00 Return to hotel

EXCURSION 3

MON 03 OCT 2016, D6

- 8:30 Departure from hotel
- 9:00-09:30 Small wind turbine installation for single household supply
- 11:00-13:00 Visiting Community and Common Good Operated Wind Farm and district heating plant in , Hvide Sande, by Martin Halkjær Kristensen
- 13:00-13:45 Lunch in Hvide Sande

15:00-16:00 Harboøre Community District Heating. Woodchips to gas, CHP.
17:00 Arrival at hotel

SEMINAR IN FOLKECENTER

TUE 04 OCT 2016, D7

??-11:30 Free time for shopping and others
11:30 Departure from hotel
12:00 Start of Seminar
12:15 – 12:45 Prof. Dr. Frede Hvelplund, Aalborg University
12:45 – 13:15 Morten V. Petersen, Chairman of the Danish Small Wind Turbine Association and CEO of Victor Energy
13:15 – 14:15 Lunch
14:15 – 16:15 GROUP WORK: “Initial drafting of community power roadmaps for Diyarbakır, Van, Çanakkale and Burdur”
16:15 – 16:45 Coffee break
16:45 – 18:15 Summary of the week and comments
19:00 Goodbye party and dinner at Folkecenter
20:30 Return to hotel

RETURN TO TURKEY

WED 05 OCT 2016, D8

10:00 Departure from hotel
12:00 Arrival at Aalborg Airport